

172-46
EAST RIDING COUNTY COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1942.

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EAST RIDING OF YORKSHIRE.

To the Chairman and Members of the
Public Health and Housing Committee.

LADIES AND GENTLEMEN,

The Annual Report for 1942 is mainly statistical, and has been prepared in accordance with Ministry of Health Circular No. 2773.

The birth rate is 17.0 per 1,000 of the population and is the highest figure recorded since 1925. The death rate is 11.1, which is a decrease on the figure for the previous year, whilst the infantile mortality rate of 40.1 per 1,000 live births is the lowest figure ever recorded in the Riding. The previous lowest figure (41.8) was recorded in 1938.

The estimated population of the County is 194,680.

There has been a slight decrease in the notifications of infectious disease throughout the County generally. Cases of cerebro-spinal fever numbered 28, compared with 50 in the previous year, which was the highest figure recorded in the County.

I wish to thank the members of the Committee for their continued support, and my sincere thanks are due to my staff for their ever constant and loyal help during my term of office, this being my last Report.

I have the honour to be,
Your obedient Servant,

(S) R.L. THORNLEY.

County Hall,
BEVERLEY.

July, 1943.

District Medical Officers of Health.

There have been no changes under this heading during the year.

VITAL STATISTICS.

POPULATION.

Districts.	Census, 1931.	Estimated.	
		1941.	1942.
Administrative County	169,287	192,170	194,680
Urban Districts	75,206	90,320	91,080
Rural Districts	94,081	101,850	103,600

BIRTHS AND BIRTH RATES.
(per 1,000 of the Population)

Districts.	Average rate for the ten years		1936	1937	1938	1939	1940	1941	1942
	1921-1930	1931-1940							
Administrative County	17.9	14.8	14.5	14.6	15.2	14.9	14.3	15.8	17.0
Urban Districts	16.6	14.4	13.6	14.8	15.1	16.3	14.7	16.5	17.4
Rural Districts	18.8	14.9	15.3	14.3	15.2	13.5	13.8	15.2	16.6

The birth rate for the whole of England and Wales was 15.8, compared with 14.2 in the previous year.

There were 3310 live births and 95 stillbirths registered in the County during the year, making a total of 3405. Of this number, 597 occurred in the Boroughs of Beverley and Bridlington, leaving a total of 2808 in the area administered by the County Council.

The number of births notified to my Office by practitioners, midwives, etc. was 2686, whilst the Registrars in the County sent particulars of 114 births which had been registered but not notified.

ILLEGITIMATE LIVE BIRTHS.

Districts.	1935	1936	1937	1938	1939	1940	1941	1942
Administrative County	151	169	173	178	173	156	212	253
Urban Districts	55	60	60	77	90	78	90	111
Rural Districts	96	109	113	101	83	78	122	142

The illegitimate birth rate was 1.3 per 1,000 of the population compared with 1.1 in the previous year. The proportion of illegitimate births to legitimate was 1 to 13.

DEATH RATES FROM ALL CAUSES (ALL AGES) (per 1,000 of the Population)

Districts.	Average rate for the ten years		1936	1937	1938	1939	1940	1941	1942
	1921-1930	1931-1940							
Administrative County	12.2	12.3	12.4	12.8	11.5	11.8	12.6	12.1	11.1
Urban Districts	13.2	13.0	13.2	13.2	11.9	12.8	13.0	13.1	12.0
Rural Districts	11.6	11.6	11.8	12.3	11.1	10.8	12.2	11.2	10.4

There were 2,169 deaths registered in the County in 1942, a decrease of 153 on the figure for the previous year.

The death rate for the whole of England and Wales was 11.6 compared with 12.9 in 1941.

The principal causes of death in the County were once again heart disease (535), cancer (329) and intra-cranial vascular lesions (254), which accounted for over 50% of the total deaths.

DEATHS AMONGST CHILDREN UNDER ONE YEAR. Death rate amongst Infants per 1,000 Live Births.

Districts.	Average rate for the ten years		1936	1937	1938	1939	1940	1941	1942
	1921-1930	1931-1940							
Administrative County	61	51	49	53	42	49	43	50	40
Urban Districts	59	50	51	52	45	46	42	55	43
Rural Districts	63	53	48	53	39	53	44	45	38

There were 133 deaths of children under the age of one year in 1942 compared with 156 in 1941. The death rate of 40.1 is the lowest ever recorded in the Riding.

The rate for the whole of England and Wales was 49 compared with 59 in the previous year.

INQUESTS.

The causes of death returned by the Coroners were as follows:-

Cause of Death.	East Riding District.	Holderness District.	Howdenshire District.	Eserick District.	Totals.	Totals for 1941.
Natural Causes	12	1	--	4	17	27
Accidental Death	84	30	8	10	132	153
Suicide	13	4	--	2	19	28
Found drowned	--	1	1	2	4	5
Other verdicts	1	--	--	--	1	4
Totals	110	36	9	18	173	217

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

NURSING IN THE HOME.

The East Riding Nursing Association, which supplied resident nurses to the subscribing members, ceased to function at the end of June, 1942, mainly for reasons of finance, but also because the nurses held no professional qualifications. Consequently home nursing is now only available in those districts, 13 in number, in which local Voluntary Nursing Associations have been established. It is therefore highly desirable that, helped by grants from the County Council, other Associations should be formed as soon as hostilities cease.

CHILD LIFE PROTECTION.

The five Child Protection Visitors paid a total of 302 visits to foster mothers and children during the year compared with 314 in 1941 and 412 in the previous year.

No. of cases on the Register at 1st January, 1942:-	
(a) Children	54
(b) Foster-mothers	49
No. of children who were registered during the year	14
No. of new foster-mothers who were registered during the year	8
No. of children removed from the Register:-	
(a) On attaining the age of 9 years	5
(b) On being transferred to the care of relatives	7
(c) On leaving the County	5
(d) On adoption	2
No. of children who were transferred to the care of other foster-mothers in the County	4
No. of cases under supervision at 31st December, 1942:-	
(a) Children	45
(b) Foster-mothers	40

MIDWIVES.

One hundred and four midwives notified their intention to practise in the East Riding during the year 1942. At the end of the year, there were only 94 midwives in practice, 38 of whom were in private practice, 12 were employed by Voluntary Nursing Associations, 15 were Domiciliary County Midwives, 20 were employed in Institutions, whilst the remaining nine were midwives employed by the Hull Corporation at a small Emergency Maternity Home which they have established in the East Riding.

The following table shows the total number of cases attended during the year by eighty-five midwives from whom returns were received:-

No. of Cases.	Midwives residing outside the County.	Midwives employed in Institutions.	Midwives employed by Nursing Associations.	County Midwives (including temporary relief midwives).	Private Practising Midwives.	Total.
-	1	3	2	-	4	10
1 - 4	3	3	1	-	3	10
5 - 9	1	2	-	-	2	5
10 - 19	-	4	1	-	2	7
20 - 29	-	3	2	1	1	7
30 - 39	1	1	4	-	1	7
40 - 49	-	3	2	2	1	8
50 - 59	-	2	1	2	-	5
60 - 69	-	2	2	4	-	8
70 - 79	-	-	-	1	-	1
80 - 89	-	2	-	3	-	5
90 - 99	-	-	-	1	-	1
100 and over	-	3	-	3	-	6

The work of the County Midwives during 1942 is summarised in the following table:-

District.	Ante-Natal Visits.	Nursing Visits.	Number of Bookings.	Number of Confinements attended.
Barlby	394	1222	105	85
Beverley No. 1	499	1652	104	83
Beverley No. 2	511	1743	89	106
Burton Fleming	402	897	58	60
Driffild	200	1341	116	99
Hedon	435	972	72	57
Hessle	460	1425	107	87
Howden	368	729	77	62
Market Weighton	296	908	64	68
Norton	805	1235	120	91
Pocklington	247	1285	86	68
Skirlaugh	141	896	90	73
Withernsea	591	1636	123	103
Relief Midwife No.1	241	796	7	47
Relief Midwife No.2	115	602	6	44
Cyclist Relief Midwife	268	1117	26	59
Totals	5973	18456	1250	1192

There has been no change in the grants payable to the 13 District Nursing Associations for the midwifery work which they carry out on behalf of the County Council.

Details of the cases attended by the District Nurses employed by these Associations are as follows:-

Nursing Association.	Ante-Natal Visits.	Nursing Visits.	Number of Bookings.	Number of Confinements attended.
Anlaby, Kirkella & Willerby No. 1	110	396	21	17
Anlaby, Kirkella & Willerby No. 2	233	670	44	38
Bridlington	660	1310	109	70
Dalton Holme	129	672	42	44
Elloughton & Welton	348	768	96	48
Eserick	314	597	46	34
Ferriby & Swanland	276	534	32	30
Filey	239	1005	51	38
Flamborough	83	170	12	10
Ganton	122	410	22	20
Hornsea	136	1185	64	64
North Cave	554	688	56	60
Walkington	169	522	35	32
Westow	152	428	33	29
Totals	3525	9355	663	534

One thousand, nine hundred and sixty-two births were attended by midwives with no doctor in attendance, or 55.5% of the total births registered, which is a slight increase on the figure for the previous year.

Statutory notices under the Rules of the Central Midwives Board were received as follows:-

	Private Practising Midwives.	Midwives in Institutions.	County Midwives.	Nursing Association Midwives.	Total.
Sending for medical help	34	68	252	78	432
Notification of death ..	-	2	5	4	11
Notification of stillbirth	1	4	27	6	38
Laying out dead body ...	1	1	6	8	16
Liability to be a source of infection	1	1	9	-	11
Artificial feeding	1	13	9	5	28

The number of medical help forms received from midwives was equivalent to 22% of the cases which they attended as midwives, compared with 26% in the previous year.

Fees amounting to £700. 8s. 3d. were paid to practitioners under Section 14 of the Midwives Act, 1918, and £250. 10s. 5d. was recovered from the patients concerned. In the previous year, the figures were £720. 13s. 0d. and £153. 7s. 6d. respectively.

LABORATORY FACILITIES.

There has been no change in the facilities provided for the bacteriological and pathological examination of material from patients living in the County, except that the Emergency Public Health Laboratory at Pocklington was transferred to Northallerton in the North Riding.

The number of specimens submitted to the six laboratories to which material may be sent was 4,638 and the cost £1,282. 7s. 2½d. In 1941, the figures were 4,592 and £980. 19s. 2d. respectively.

The examination of milk and other foods is carried out by an analyst in Hull.

Details of the work carried out during 1942 under this heading will be found in Tables I and II.

HOSPITALS.

There has been no change during the year in the number or administration of the Hospitals in the County.

MATERNITY HOMES.

The following are details of the work done during the year at the Council's Maternity Home at Driffield (11 beds) :-

	<u>1942.</u>	<u>1941.</u>
Total number of admissions	186	221
(a) Number of cases delivered by midwives	173	202
(b) Number of cases delivered by doctors	5	9
(c) Number of cases transferred to other Institutions	4	1
(d) Number of cases admitted for ante-natal treatment and discharged before confinement, etc.	8	9
Average duration of stay	14 days	14 days
Number of cases in which medical assistance was required:		
(a) Ante-natal	9	6
(b) Post-natal	5	30
Number of deaths	Nil	Nil

The sum of £809. 7s. 9d. was received in fees from the patients admitted to the Home compared with £617. 3s. 4d. in the previous year when admissions numbered 221.

Particulars are given below of the maternity cases admitted to "The Avenue" Hospital at Bridlington:-

	<u>1942.</u>	<u>1941.</u>
Total number of admissions	449	314
(a) Number of cases delivered by midwives ..	346	214
(b) Number of cases delivered by doctors ...	103	100
Average duration of stay	14 days	14 days
Number of deaths	Nil	3

Twenty-two abnormal cases were sent to other Hospitals as follows:-

York Maternity Hospital	11
Scarborough Hospital	1
Greystones Maternity Home, Cottingham	9
Beverley Road Institution, Hull ...	1

Admissions to the Westow Croft Emergency Maternity Home numbered 134 during the year, whilst 80 mothers, and 33 children under the age of five years, were admitted to the Mothers' Hostel at Newstead House, Norton. The admission of children under five years of age with their mothers to this Hostel was discontinued in July, 1942, on the instructions of the Ministry of Health.

INFANT WELFARE CENTRES.

The County Council's Infant Welfare Centre at Filey which was closed early in 1941 owing to the small number of attendances was re-opened during the year.

Particulars of the work carried out during the year at the Centres in the County are given in the following table:-

Centre.	Number who attended.		Attendances.	
	Children under one.	Children between one and five.	Total.	Average per Session.
Anlaby	23	74	522	37
Barlby	27	33	308	13
Bilton	35	55	368	26
Cottingham	72	116	1455	56
Driffield	72	93	1133	44
(Filey	33	33	194	16
(Boots Mobile Infant Welfare Unit	20	42	137	15
Ganton	23	59	358	33
Hessle	93	147	1226	49
Hornsea	51	84	527	44
Howden	11	25	136	10
Long Riston	5	11	113	9
Leven	11	37	191	15
Market Weighton	15	41	306	22
Pocklington	13	61	391	30
Preston	32	83	462	36
Willerby	30	46	360	28
Withernsea	54	119	614	25
Total ...	620	1159	8801	30

In October, 1942, a Mobile Infant Welfare Unit provided and maintained by Lord Trent was sent from Hampshire into the East Riding. It was stationed in the Northern part of the County for the first few weeks, and later visited Norton, Hunmanby and Flamborough, with good results.

ORTHOPAEDIC TREATMENT.

There has been no change during the year in the arrangements for the out-patient treatment of persons crippled by tuberculosis or other causes. So far as in-patient treatment is concerned, patients can now be admitted to the new City General Hospital which has been established by the York Corporation.

Twelve children were sent for treatment to the Adela Shaw Orthopaedic Hospital, Kirbymoorside, five being admitted under the Maternity and Child Welfare Scheme, and seven through the Tuberculosis Scheme.

The Visiting Orthopaedic Surgeon examined 56 East Riding patients at the Clinics at Driffield, Malton, Scarborough and York. These patients, of whom 31 attended for the first time, paid 133 visits to the Clinics.

Ten adult patients were sent to out-County Institutions for the treatment of tuberculosis.

HEALTH VISITORS.

There has been no change in the arrangements for the health visiting of children up to the age of five years.

Details of the work done by the Health Visitors is contained in the following table:-

	Year ended	
	31. 12. 42.	31. 12. 41.
Visits to expectant mothers:		
First Visits	107	93
Subsequent Visits	180	183
Visits to infants under one year of age:		
First Visits	2514	2044
Subsequent Visits	5180	4832
Visits to children between 1 and 5 years of age	10158	10373
Visits to insanitary premises	9	7
Number of visits as Child Protection Visitors	302	314

TREATMENT OF MINOR AILMENTS.

Eight children under school age were dealt with under this head during the year. Six children were sent to an ophthalmic surgeon on account of squint, and two were admitted to Hospital for removal of tonsils and adenoids.

REGISTRATION OF NURSING HOMES.

No change.

Five hundred and thirty-one patients were admitted to the Homes during the year, 335 of whom were maternity cases, whilst 26 were medical, 156 surgical, and 14 convalescent and chronic.

Exemption from registration has again been granted to three local Voluntary Hospitals and one Nursing Home which are not carried on for gain.

MATERNAL MORTALITY.

There were 7 maternal deaths in the County during the year, two being ascribed to puerperal sepsis, and five to other puerperal causes. The maternal mortality rate was 2.11 per 1,000 live births, whilst that for England and Wales was 2.01. There was one death of a mother for every 473 births, compared with 253 in 1941.

The following table gives the mortality rates for the County over a series of years:-

Year.	Puerperal Sepsis.		Other Puerperal causes.		All Causes.		No. of live births.
	Deaths.	Rate per 1,000 births.	Deaths.	Rate per 1,000 births.	Total Deaths.	Rate per 1,000 births.	
1926	4	1.40	4	1.40	8	2.80	2858
1927	3	1.04	5	1.73	8	2.77	2888
1928	3	1.04	10	3.49	13	4.53	2864
1929	5	1.76	11	3.89	16	5.65	2830
1930	2	.74	7	2.61	9	3.35	2679
1931	5	1.90	11	4.17	16	6.07	2635
1932	1	.39	3	1.18	4	1.58	2537
1933	2	.80	9	3.62	11	4.42	2489
1934	7	2.74	11	4.30	18	7.04	2558
1935	3	1.21	11	4.44	14	5.66	2475
1936	1	.39	7	2.72	8	3.11	2572
1937	1	.38	6	2.26	7	2.63	2658
1938	2	.71	11	3.93	13	4.64	2800
1939	1	.35	3	1.05	4	1.40	2861
1940	2	.71	6	2.13	8	2.84	2815
1941	7	2.30	5	1.65	12	3.95	3037
1942	2	.60	5	1.50	7	2.11	3310

Facilities for the ante-natal care of patients continue unchanged. Two hundred and seventy-seven uninsured patients were examined by general practitioners under the Ante-natal Scheme during the year, compared with 285 in the previous year. The number of post-natal examinations was 67, compared with 79 in 1941.

A consultant was called in on six occasions and two expectant mothers were X-rayed on account of suspected abnormality.

Confidential reports were sent to the Ministry of Health on four maternal deaths which came to my notice during the year. Reports were also sent on two deaths which were associated with pregnancy.

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

There has been no great change in the provision of accommodation for mental defectives during the year. When the Air Ministry occupied the Brandesburton Institution in 1941, the patients were transferred to seven institutions in various parts of the country. Since then three more institutions have accepted patients from the East Riding, and there are now 170 mental defectives in outside institutions.

In addition to the beforementioned figure there are 14 patients in the Drifffield Public Assistance Institution, which is certified to receive mental defectives under Section 37 of the Mental Deficiency Act, 1913.

AMBULANCE FACILITIES.

No change has occurred during the year in the number of ambulances (other than A.R.P. Ambulances) provided in the County.

The County Council ambulance made 242 journeys involving a mileage of 9,600. The sum of £373. 12s. 6d. was received in fees for the use of the ambulance compared with £154. 9s. 9d. in the previous year when the number of journeys made was 228 and the mileage 11,258.

PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916.

The arrangements for in-patient and out-patient treatment of persons suffering from venereal disease remain unchanged.

Twenty patients who paid 213 attendances were assisted with their travelling expenses during the year to enable them to attend the clinics for treatment at a total cost of £28. 9s. 1d.

The total amount paid to other authorities in respect of the treatment of venereal disease was £753. 16s. 11d.

The contribution of 3/- per 1,000 of the population which the County Council paid for propaganda work to the British Social Hygiene Council was increased to 5/- per 1,000 of the population during the year.

The following table gives particulars of the cases treated at the Centres in 1942:-

	Hull.	York.	Leeds.	Scarborough.	Total 1942.	Total 1941.
Number of persons dealt with for the first time during the year and found to be suffering from:-						
Syphilis	9	5	1	6	21	12
Soft Chancre	6	-	-	-	6	1
Gonorrhoea	28	7	-	12	47	51
Non-venereal and undiagnosed conditions .	17	1	-	9	27	54
Total	60	13	1	27	101	118
Total number of attendances of all patients residing in the East Riding	275	314	2	542	1133	1580

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLIES.

In the Beverley Rural District, the village of Bishop Burton was connected to the water mains of the Borough of Beverley which supplies as much water as can be spared. Apart from this, the only pipe laying has been to various aerodromes and camps from the nearest Regional supply.

HOUSING.

Since the last Annual Report there has been practically nothing to report in the way of housing activities.

The Ministry of Health have adopted proposals for the provision of 3,000 houses for agricultural workers and 66 of these are to be erected by Local Authorities in the East Riding.

No applications were dealt with during the year under the Housing (Rural Workers) Acts, 1926 - 1942.

INSPECTION AND SUPERVISION OF FOOD.

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936 AND 1938.

Two licences, (one for "Accredited" and the other for "Tuberculin Tested" milk) were granted during the year. Two producers of "Accredited" milk, and one of "Tuberculin Tested" milk did not renew their licences at the beginning of 1942, and two "Accredited" and two "Tuberculin Tested" milk producers surrendered their licences during the year. One "Accredited" licence was revoked during the year as samples of milk from the herd concerned consistently failed to pass the prescribed tests. At the end of the year there were 44 "Accredited" and 6 "Tuberculin Tested" licences in force in the County. Four of the "Tuberculin Tested" herds are "Attested" herds.

During the year 258 samples of designated milk produced in the County were submitted to the tests prescribed by the above Orders with the following results:-

	<u>"Tuberculin Tested"</u> <u>Milk.</u>	<u>"Accredited"</u> <u>Milk.</u>
Failed to pass the Methylene Blue Test ...	6	12
Contained Coliform Bacillus	3	22
Failed both tests	3	27
Passed both tests	41	144

One hundred and fifty-seven bulk samples of "Accredited" milk were submitted to the biological test for tubercle bacilli during the year, two of which were returned positive. No diseased beast could be detected following both clinical and biological examination of group samples of milk from the cows in one of the herds involved, whilst in the remaining herd one beast was found to be suffering from advanced tuberculosis, and was therefore slaughtered.

TUBERCULOSIS ORDER, 1938.

The following are details of the work done during the year and during 1941 under the above Order:-

	<u>1942.</u>	<u>1941.</u>
No. of animals slaughtered	46	54
Tuberculosis of udder	14	10
Tuberculous emaciation	-	4
Chronic cough and showing definite clinical signs of tuberculosis	32	40
Advanced cases	31	36
Not advanced cases	15	18
Cows in milk	41	49
Cows not in milk	5	4
Other bovine animals	-	1

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915, and MILK AND DAIRIES ORDERS, 1926 AND 1938.

There has been no change in the arrangements for the routine clinical examination of dairy cattle by Officers of the Ministry of Agriculture and Fisheries.

Two hundred and sixty-eight bulk samples of milk (inclusive of the 157 referred to under the heading "Milk (Special Designations) Orders, 1936 and 1938") were taken by the Council's Sampling Officers for biological examination, 4 (or 1.5%) of which were reported to contain tubercle bacilli. In the previous year, the figures were 357 and 6 (1.7%) respectively.

A diseased beast could only be detected in one of the herds concerned, and this animal was therefore slaughtered.

Three positive samples produced in the County were also reported during the year, one by the Medical Officer of Health for Hull, and two by the Medical

Officer for York. In two of these herds no diseased beast could be detected, but in the remaining herd one animal was found to be suffering from tuberculosis, and consequently slaughtered.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

DEATHS FROM PRINCIPAL EPIDEMIC DISEASES.

The number of deaths due to the seven principal epidemic diseases, viz:- smallpox, measles, scarlet fever, diphtheria, whooping cough, fever (typhus, typhoid and simple continued) and diarrhoea (under the age of two years) was 29, giving a death rate of .2 per 1,000 of the population, the same rate as in the previous year.

SMALLPOX.

As in the previous year, no cases of this disease were reported.

MEASLES.

The number of notifications received during the year was 702, and there were 2 deaths from the disease.

ENTERIC FEVER.

Only 7 cases of enteric fever were reported in 1942, none of which proved fatal. In the previous year, thirty cases were notified.

SCARLET FEVER.

Two hundred and sixty-six cases of this disease were notified during the past year, compared with 347 in the previous year. There was one death. The District with the highest number of notifications was the Haltemprice Urban District (42).

DIPHTHERIA.

There were 102 notifications of this disease during the year 1942. Twenty-three of the cases occurred in the Howdon Rural District. There were nine deaths.

Further progress in diphtheria immunisation has been made during the year. The percentage of school children immunised is fairly satisfactory, although the percentage in the various Sanitary Districts shows considerable variation.

The immunisation of children under the age of five years, is, except in the Boroughs of Beverley and Bridlington, the responsibility of the County Council. The work is carried out at the various Infant Welfare Centres in the Riding, but in addition, there is a General Practitioner Scheme in operation through which practitioners are paid a fee of 5/- in respect of every pre-school child whom they immunise, and the results up to the present have been very satisfactory. The necessary material which is required for this work is provided free of charge.

ISOLATION HOSPITALS.

No change has occurred in the facilities provided for the hospital treatment of cases of infectious disease.

Admissions to the County Isolation Hospital at Driffield during 1942 numbered 191, (124 scarlet fever, 54 diphtheria, 7 cerebro-spinal fever, 1 enteric fever, 1 encephalitis lethargica, 3 measles and 1 chicken pox) compared with 318 in 1941 and 163 in 1940. In addition, 9 patients from the Hospital area suffering from infectious diseases were admitted to other Hospitals as follows:- Hull City Infectious Diseases Hospital (5), Selby Isolation Hospital (1), Scarborough Sanatorium (1), Norton Grove Infectious Diseases Hospital (1), and Bridlington Borough Sanatorium (1).

The following table gives particulars of the patients treated during the year:-

District.	Diphthoria.	Scarlet Fever.	Enteric Fever.	Other Diseases.	Total.
Beverley M.B.	5	16	-	8	29
Driffield U.D.	4	4	-	2	10
Filey U.D.	5	3	-	-	8
Hornsea U.D.	1	5	-	-	6
Norton U.D.	3	11	-	-	14
Withernsea U.D.	4	2	-	-	6
Beverley R.D.	7	19	-	2	28
Derwent R.D.	7	7	1	-	15
Driffield R.D.	2	15	-	-	17
Holderness R.D.	3	15	-	-	18
Howden R.D.	2	-	-	-	2
Norton R.D.	3	6	-	-	9
Pocklington R.D.	1	17	-	-	18
Service Cases	11	5	-	3	19
Staff	-	1	-	-	1
	58	126	1	15	200

PUERPERAL PYREXIA.

Twenty women were reported during the year to be suffering from puerperal pyrexia. Three patients were admitted to Hospital for treatment, and four were treated at home by the practitioners in charge with satisfactory results. Seven of the remaining 13 cases occurred at the Hull Corporation's "Greystones" Maternity Home at Cottingham, where the necessary facilities were available for treatment. The other six cases occurred in the area of the Bridlington Welfare Council.

OPHTHALMIA NEONATORUM.

Eight infants were notified as suffering from ophthalmia neonatorum during 1942. Three of the cases were treated at home by the practitioners in charge with satisfactory results, three were admitted to Hospital for treatment, whilst the remaining two cases occurred in the area of the Bridlington Welfare Council.

CEREBRO-SPINAL FEVER.

This disease has not been so prevalent during the past year, only 28 cases being notified, compared with 50 in the previous year and 41 in 1940. Twelve of the patients were admitted to Hospital, 12 were non-civilians and the remaining four patients were treated at home. There were seven deaths.

CANCER.

There has been no change in the arrangements for the diagnosis and treatment of patients suffering from cancer.

During the past year, thirteen patients from the East Riding were sent to the Leeds General Infirmary for in-patient treatment.

Deaths from cancer over a series of years are given in the following table:-

Year.	Urban Districts.	Rate per 1,000 of the Population.	Rural Districts.	Rate per 1,000 of the Population.	Whole County.	Rate per 1,000 of the Population.
1936	179	2.16	134	1.42	313	1.76
1937	139	1.61	132	1.37	271	1.49
1938	173	1.94	145	1.52	318	1.72
1939	185	1.98	134	1.36	319	1.66
1940	175	1.85	165	1.65	340	1.75
1941	159	1.76	164	1.61	323	1.68
1942	162	1.78	167	1.61	329	1.69

The County Council again made a contribution of £25 to the Yorkshire Council of the British Empire Cancer Campaign towards research and propaganda work.

VACCINATION.

The total number of primary vaccinations during the past year was 1753 and 1938 statutory declarations of objection to vaccination were received.

Under normal conditions there were a small number of cases in which a prosecution would have been advisable, but owing to the war, proceedings could not be instituted with any degree of success, on account of the many absentees from their homes.

Some difficulty is being experienced in obtaining the necessary certificate of successful vaccination from the Public Vaccinators, but in this respect the East Riding compares most favourably with some of the adjoining authorities.

Detailed returns for the year ended 31st December, 1941, which have been received from the Vaccination Officers show that 2,809 children whose births were registered during the year were dealt with as shown below. The figures for the previous year are also given for comparison.

	<u>1941.</u>	<u>1940.</u>
Successfully vaccinated	1243	976
Insusceptible of vaccination	16	13
Declaration of Conscientious Objection ..	1208	1320
Did not unvaccinated	101	92
Postponement by Medical Certificate	8	3
Removal to other areas	50	47
Removal to places unknown	119	70
Not accounted for	64	93

WELFARE OF THE BLIND.

The total number of blind persons now on the East Riding Register is 118 men and 110 women as compared with 114 men and 99 women at the date of the last report.

Financial assistance is granted to 129 unemployable blind persons in necessitous circumstances. These cases are reviewed periodically and all blind persons in the County are visited by the Blind Visitor appointed by the Hull and East Riding Institute.

Employment is provided in the workshops of the Hull and East Riding Institute for the Blind for 8 men and 2 women. Six men and two women are recognised as Home Workers.

At the present time the Hull Corporation and the County Council augment the earnings of the blind workers according to different scales. An effort is being made to formulate a uniform scale of augmentation acceptable to the Corporation, the Council and the National League of the Blind. Representatives of bodies interested have held a series of conferences on the subject and it is hoped that agreement will be reached.

TUBERCULOSIS. NEW CASES AND MORTALITY.

One hundred and ninety-one (145 Pulmonary and 46 Non-pulmonary) new cases of tuberculosis were notified during the year and in addition 57 cases came to notice otherwise than by formal notification. The total number of cases notified in the County shows an increase of 37 on the figure for the previous year.

Once again, over 50% of the cases notified were between the ages of 15 and 35.

The following table shows the additions to and removals from the Registers kept by the District Medical Officers of Health:-

	Pulmonary.		Non-pulmonary.		Total.
	M.	F.	M.	F.	
Number of cases on the Registers at 31st December, 1941	368	312	166	176	1022
Added to the Registers:-					
(a) Cases notified for the first time during the year	71	73	20	27	191
(b) Un-notified cases brought to notice otherwise than by formal notification	19	21	10	5	55
Removed from the Registers on account of death, change of address, etc. .	74	60	19	18	171
Number of cases on the Registers at 31st December, 1942	384	346	177	190	1097

The number of deaths ascribed to all forms of tuberculosis as returned by the Registrar-General was 99, compared with 94 in 1941. Seventy-five of the deaths were certified as due to pulmonary tuberculosis, and 24 to the other forms of the disease.

The new cases notified during the year are shown in the following table, together with the deaths from tuberculosis as returned by the Registrar-General:-

Age periods.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-pulmonary.		Pulmonary.		Non-pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1	1	-	-	2	-	-	1	1
1 - 5	-	-	5	8	1	1	2	3
5 - 15	1	3	11	14	-	-	3	3
15 - 45	57	80	11	6	22	25	5	3
45 - 65	31	8	1	2	15	7	1	1
65 and upwards	1	4	-	1	2	2	-	1
Totals	91	95	28	33	40	35	12	12

The pulmonary death rate of .39 per 1,000 of the population is the same figure as in the previous year. The non-pulmonary death rate of .12 is a slight increase on the figure for the previous year.

The death rates per 1,000 of the population over a series of years are given below:-

PULMONARY TUBERCULOSIS.

Districts.	Average rate for the ten years		1935	1936	1937	1938	1939	1940	1941	1942
	1921-1930	1931-1940								
Administrative County ..	.65	.40	0.41	0.40	0.31	0.34	0.31	0.40	0.39	0.39
Urban Districts .....	.75	.48	0.53	0.45	0.31	0.47	0.33	0.45	0.46	0.54
Rural Districts .....	.58	.34	0.30	0.36	0.31	0.22	0.29	0.34	0.32	0.25

OTHER FORMS OF TUBERCULOSIS.

Administrative County ..	.18	.12	0.13	0.12	0.09	0.09	0.13	0.07	0.10	0.12
Urban Districts .....	.19	.11	0.13	0.07	0.06	0.09	0.17	0.12	0.06	0.16
Rural Districts .....	.17	.12	0.14	0.17	0.12	0.08	0.09	0.03	0.14	0.09

INSTITUTIONAL TREATMENT.

No change has occurred in the facilities provided for the treatment of persons suffering from pulmonary tuberculosis, but patients suffering from non-pulmonary tuberculosis are now occasionally sent to the new York City General Hospital.

One hundred and seventeen patients were admitted to the Raywell Sanatorium compared with 98 in the previous year. In addition, 58 patients were sent to other institutions for treatment as follows:-

Fairfield Sanatorium, York	27
Harlow Wood Orthopaedic Hospital, Mansfield .	3
Bevorley Base Hospital	7
Hull Sanatorium, Cottingham	3
Middleton-in-Wharfedale Sanatorium	1
Adela Shaw Orthopaedic Hospital, Kirbymoorside	7
York County Hospital	1
Leeds General Infirmary	1
York City General Hospital	8

Of the 205 patients sent to institutions, 163 were diagnosed as suffering from tuberculosis prior to admission, whilst the remaining 42 cases were admitted for observation purposes. Twenty-one of the latter patients were subsequently diagnosed as tuberculous. Details of the cases treated are set out in the following table:-

	No. of Patients.			No. of Observation Cases.			Total.
	Adults.		Children.	Adults.		Children.	
	M.	F.		M.	F.		
In Institutions on 1.1.42.	22	21	9	2	1	7	62
Admitted during the year	70	68	25	10	13	19	205
Discharged during the year	57	51	24	11	14	21	178
Died in Institutions	14	12	-	-	-	-	26
In Institutions on 31.12.42.	21	26	10	1	-	5	63

The number of patients discharged from the various Institutions who were definitely suffering from the disease was 158, compared with 132 in 1941. The following table shows the condition of these patients at the time of their discharge:-

Classification on Admission.	Condition at time of Discharge.								
	Quiescent.			Not Quiescent.			Died in Institutions.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.
Pulmonary Tuberculosis:									
Class T.B. Minus	6	17	1	1	2	-	3	1	-
Class T.B. Plus	10	7	-	27	22	-	11	9	-
Non-Pulmonary Tuberculosis	4	-	20	9	3	3	-	2	-
Totals	20	24	21	37	27	3	14	12	-

The following table shows the results of observation of the doubtfully tuberculous cases discharged during the year:-

Classification on Admission.	Condition at time of Discharge.								
	Tuberculous.			Non-Tuberculous.			Doubtful.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.
Observation for purpose of diagnosis	5	7	9	5	7	11	1	-	1

DISPENSARIES.

There has been no change in the arrangements made for the dispensary supervision of patients suffering from tuberculosis.

Three hundred and eighty six new cases (including contacts) were seen at the five Dispensaries in the County during the year, 140 of whom were found to be suffering from tuberculosis. In the previous year, the figures were 345 and 114 respectively.

The number of contacts examined was 88. In 9 cases, a diagnosis of tuberculosis was established, whilst the remaining 79 patients were found to be free from the disease.

The following table gives details of the work done during the year, and also shows the corresponding figures for the previous year:-

	<u>1942.</u>	<u>1941.</u>
No. of attendances by patients at Dispensaries (including contacts)	797	652
No. of consultations with Medical Practitioners:-		
(a) Personal	55	24
(b) Other	497	437
No. of visits by Tuberculosis Officer to homes (including personal consultations)	187	199
No. of specimens of sputum etc. examined	413	315
No. of X-ray examinations carried out	279	210
No. of patients receiving milk and eggs at end of year	34	20
Total cost of milk supplied	£257.8s.1d.	£543.8s.1d.
Pneumothorax cases :-		
No. of patients receiving refills	8	5
No. of visits paid by these patients	94	87
No. of patients provided with artificial light	5	9
No. of visits paid by these patients	251	265
No. of cases on Dispensary Register at end of year	658	617

AIR RAID PRECAUTIONS.

Briefly stated, the position in the Administrative County with regard to the above is as follows:-

Thirteen fixed First Aid Posts have been established in the under-mentioned Districts:-

Beverley Borough	1	
Bridlington Borough	1	
Hedon Borough	1	
Driffild U.D.	1	
Filby U.D.	1	
Haltemprice U.D.	3	(1 Cottingham 1 Hessle 1 Kirkculla)
Norton U.D.	1	
Withernsea U.D.	1	
Beverley R.D.	1	(Brough)
Derwent R.D.	1	(Barlby)
Pocklington R.D.	1	(Pocklington)

A Mobile First Aid Unit is also stationed in the Borough of Bridlington.

First Aid Points have been established throughout the County, and fifteen up-graded Points are in operation as follows:-

Beverley R.D.	2	{1 Leven 1 South Cave
Derwent R.D.	2	{1 Dunnington 1 Elvington

Holderness R.D.	2	(1 Aldbrough 1 Patrington 1 Howden 1 Holme-on-Spalding Moor
Howden R.D.	4	(1 Newport 1 Bubwith 1 North Grimston
Norton R.D.	3	(1 Rillington 1 Sherburn
Pocklington R.D.	2	(1 Market Weighton 1 Stamford Bridge

At the 31st December, 1942, the number of whole-time ambulances was 44, and the number of part-time, 34. In addition, there were 78 sitting case cars.

Fifty-three First Aid Parties existed at the end of the year, but these are now being amalgamated with the Rescue Service.

Thirteen Mobile Gas Cleansing Units are stationed at the following places:-

Beverley	2
Bridlington	4
Driffield	1
Hodon	1
Hornsea	1
Howdon	1
Market Weighton	1
Norton	1
Pocklington	1

TABLE I.

BACTERIOLOGICAL EXAMINATIONS.

	Diphtheria.		Phthisis.		Water.	Milk.	Other examinations.
	Pos.	Neg.	Pos.	Neg.			
<u>URBAN DISTRICTS.</u>							
Beverley	4	59	6	36	-	-	39
Bridlington	12	76	9	47	21	26	56
Driffield	2	24	-	12	2	-	6
Filey	2	4	-	3	-	-	-
Haltemprice	5	35	11	30	-	-	4
Hedon	-	1	-	4	-	-	-
Hornsea	1	13	3	21	-	-	2
Norton	-	-	-	-	-	-	2
Withernsea	-	3	2	6	-	-	-
<u>RURAL DISTRICTS.</u>							
Beverley	2	42	3	15	-	-	9
Bridlington	3	16	-	17	4	-	6
Derwent	12	31	3	8	3	-	7
Driffield	1	21	3	8	-	-	-
Holderness	2	28	5	11	-	-	-
Howden	52	214	4	11	-	-	8
Norton	1	7	-	1	6	-	6
Pocklington	10	13	-	9	6	-	10
<u>E.R.C.C.</u>							
"Avenue" Hospital	-	-	-	-	-	-	16
Public Health	-	-	3	15	-	-	-
Isolation Hospital	27	273	-	-	-	-	12
Sanatorium	-	-	241	131	-	-	-
c/f	136	860	293	335	42	26	183

	Diphtheria.		Phthisis.		Water.	Milk.	Other examinations.
	Pos.	Neg.	Pos.	Neg.			
B/f	136	860	293	385	42	26	183
<u>E.R.C.C.</u>							
Public Assistance	14	5	1	-	-	-	-
Mental Hospital	-	-	2	5	-	10	5
Milk (Special Designations)							
Orders	-	-	-	-	-	400	-
Milk & Dairies Orders	-	-	-	-	-	130	-
Beverley Base Hospital	5	75	11	127	2	-	855
Driffield Base Hospital	5	107	10	100	2	-	736
Service Cases, Filey .	1	2	-	-	-	-	-
R.A.F., Filey	1	8	2	12	-	-	77
W.A.A.F., Staxton	1	1	-	-	-	-	-
Service Cases, Staxton	-	1	-	-	-	-	-
TOTALS	163	1039	319	629	46	566	1856

TABLE II.

FOOD AND DRUGS (ADULTERATION) ACT, 1938.

Summary of Samples taken by the Sampling Officer and analysed during the year ended 31st March, 1943.

"Appella" (Non Alcoholic Apple Juice)	2	Margarine	3
Baking Powder	3	Milk	343
Beef Sausage Meat	1	Onion essence	1
Brawn	1	Pork sausage containing	
Butter	11	preservatives	1
Camphorated Oil	2	Potted Meat	1
Castor Oil	1	Pudding mixture (Lemon flavour) ..	1
Cocoa Powder	1	Rice pudding powder	1
Coffee	1	Rum and coffee	1
Curd	1	Sausage	1
Curry Powder	1	Self raising flour	2
Dried egg	1	Semolina	1
Egg substitute	1	Special margarine	1
Ground coffee	1	Syrup of figs	2
Ground ginger	2	Tea	1
Ground rice	1	"Vironita" (proprietary tonic) ..	1
Honey	1	Vinegar	1
Lard	8	White pepper	3
Lemonade Powder	1	Yeast	2
Malt Vinegar	5		
		Total	413

SAMPLES adulterated or below the presumptive limits of the Sale of Milk Regulations.

Egg Substitute	1	(No action
Milk	63	(16 Convictions
		(24 Cautions
		(1 Withdrawn
		(22 No action
Special Margarine	1	(No action

Amount of Penalties, including Costs, £69. 4s. 6d.

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR
1942.

Notifiable Disease:	Urban Districts.	Rural Districts.	Administrative County.
Scarlet Fever	132	134	266
Diphtheria (including Membranous Croup)	46	56	102
Enteric Fever	7	-	7
Puerperal Pyrexia	18	2	20
Erysipelas	24	25	49
Ophthalmia Neonatorum	5	3	8
Cerebro-spinal Fever	19	9	28
Acute Poliomyelitis	1	-	1
Measles	384	318	702
Pulmonary Tuberculosis	117	60	177
Other forms of tuberculosis ...	40	29	69
Pneumonia	89	65	154
Chicken Pox	120	37	157
Whooping Cough	252	188	440
Malaria	1	-	1
Dysentery	5	-	5
Anthrax	-	1	1
Encephalitis Lethargica	1	1	2
Acute Polio-encephalitis	-	1	1
TOTALS	1261	929	2190

TABLE IV.

1942.

CASES OF INFECTIOUS DISEASE NOTIFIED - URBAN DISTRICTS.

DISEASE.	TOTAL CASES NOTIFIED IN EACH DISTRICT.									
	Tot- als.	Bever- ley.	Brid- ling- ton.	Driff- field.	Filey.	Haltem- price.	Hedon.	Hornsea.	Nort- on.	With- ern- sea.
Scarlet Fever ..	132	25	26	8	5	42	-	5	14	7
Diphtheria	46	8	9	5	3	9	4	1	3	4
Enteric Fever ..	7	-	3	-	-	4	-	-	-	-
Puerperal Pyrexia	18	1	5	-	-	9	2	1	-	-
Erysipelas	24	7	6	4	3	2	1	-	1	-
Ophthalmia Neonatorum ...	5	-	2	-	-	2	1	-	-	-
Cerebro-spinal Fever	19	5	4	4	3	3	-	-	-	-
Pulmonary tuberculosis .	117	24	29	4	3	37	3	6	2	9
Other forms of tuberculosis .	40	9	7	2	3	13	-	2	3	1
Pneumonia	89	32	18	3	29	4	-	-	-	3
Chicken Pox	120	-	1	-	21	78	-	-	20	-
Whooping Cough .	252	26	38	51	43	33	7	29	25	-
Dysentery	5	1	-	-	4	-	-	-	-	-
Measles	384	115	20	4	38	157	2	13	30	5
Malaria	1	1	-	-	-	-	-	-	-	-
Encephalitis lethargica ...	1	-	-	-	1	-	-	-	-	-
Acute Polio-myelitis	1	1	-	-	-	-	-	-	-	-
TOTALS ...	1261	255	168	85	156	393	20	57	98	29

TABLE V.

1942.

CASES OF INFECTIOUS DISEASE NOTIFIED - RURAL DISTRICTS.

DISEASE.	TOTAL CASES NOTIFIED IN EACH DISTRICT.								
	Tot- als.	Beverley.	Bridling- ton.	Derwent.	Driffield.	Hold- erness.	How- den.	Nor- ton.	Pock- lington.
Scarlet Fever ..	134	18	12	8	21	26	21	11	17
Diphtheria	56	6	5	8	4	7	23	2	1
Puerperal Pyrexia	2	-	-	-	1	1	-	-	-
Erysipelas	25	2	1	1	7	4	9	-	1
Pulmonary Tuberculosis ..	60	13	9	6	3	15	6	4	4
Other forms of Tuberculosis ..	29	7	1	7	2	7	3	2	-
Pneumonia	65	13	9	11	4	14	11	-	3
Chicken Pox	37	15	-	-	22	-	-	-	-
Whooping Cough .	188	24	30	13	18	31	65	7	-
Measles	318	34	19	14	7	61	175	5	3
Cerebro-spinal Fever	9	2	5	-	-	1	1	-	-
Encephalitis lethargica	1	1	-	-	-	-	-	-	-
Ophthalmia Neonatorum	3	1	-	-	-	1	1	-	-
Anthrax	1	-	-	-	-	-	-	1	-
Acute Polio- encephalitis ..	1	1	-	-	-	-	-	-	-
TOTALS	929	137	91	68	89	168	315	32	29

TABLE VI.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1942, AND PREVIOUS YEARS.

Year.	Estimated Population.	Live Births.		Net Deaths belonging to the District.			
		Number.	Rate.	Under 1 year of age.		At all ages.	
				Number.	Rate per 1,000 Live Births.	Number.	Rate.
1928	174,460	2864	16.4	147	51	2057	11.8
1929	176,420	2830	16.0	165	58	2277	12.9
1930	168,400	2679	15.7	141	53	2004	11.7
1931	168,200	2635	15.7	159	60	2179	13.0
1932	170,250	2537	14.9	148	58	2086	12.3
1933	171,570	2489	14.5	142	57	2136	12.4
1934	174,350	2558	14.7	131	51	2058	11.8
1935	173,600	2475	14.3	129	52	2090	12.0
1936	177,440	2572	14.5	126	49	2208	12.4
1937	181,840	2658	14.6	140	53	2330	12.8
1938	184,630	2800	15.2	117	42	2119	11.5
1939	(a) 182,180	2803	14.9	140	49	2267	11.8
	(b) 192,390						
1940	194,530	2772	14.3	121	43	2456	12.6
1941	192,170	3037	15.8	156	50	2322	12.1
1942	194,680	3310	17.0	133	40	2169	11.1

TABLE VII.

RAINFALL RETURNS, 1942.

Station.	Height of Rain Gauge above sea Level.	Observer.	Total Rain- fall.	Number of days on which one-tenth of an inch or more of rain fell.	Average rain- fall over a series of years.
Hempholme	11 feet	Mr. F.J. Affleck	21.91	141	26.84 (10 years)
Osgodby	29 "	Mrs. W.V. Hescock	23.47	136	24.78 (7 years)
Withernsea	30 "	Mr. C.J.G. Ratcliffe	Discontinued owing to the War.		24.27 (3 years)
North Cave	35 "	Colonel W.H. Carver, M.P.	21.41	158	26.06 (10 years)
Lowthorpe	63 "	Mr. F.K. Hawes	22.65	182	25.84 (10 years)
Rise	73 "	Mr. A. Alderman	18.82 (in 11 months)	94 (in 11 Months)	26.72 (10 years)
Scampston	100 "	Mrs. St. Quintin	21.53	159	27.56 (10 years)
Dunnington	110 "	Miss E. Hildyard	25.10	214	27.18 (10 years)
Dalton Holme	150 "	Mr. D.F. Cullen	23.77	171	28.61 (10 years)
Beverley (E.R. Mental Hospital)	175 "	Medical Superintendent	21.35	159	27.33 (10 years)
Birdsall	304 "	Mr. J. Anderson	25.08	162	29.84 (10 years)

My thanks are due to the above named for their kindness
in sending me the monthly returns.

